

Wood County Dam No. 4 and Lake Winnsboro

OWNER

Wood County.

ENGINEER (Design)

Wisenbaker, Fix, and Associates
Freese and Nichols.

LOCATION

On Big Sandy Creek in Wood County, 6 miles southwest of Winnsboro.

DRAINAGE AREA

27.1 square miles.

DAM

Type	Earthfill
Length	2,570 ft
Maximum height	44.5 ft
Top width	20 ft
Top elevation	436.5 ft above msl

SPILLWAY (emergency)

Location	Left end of the dam
Type	Cut through natural ground
Crest length	300 ft
Crest elevation	427.0 ft above msl

SPILLWAY (service)

Type	Drop inlet, 20 by 20 ft
Crest length	80 ft
Crest elevation	419.0 ft above msl
Outlet	Concrete conduit, 7 by 7 ft

OUTLET WORKS

Type	Concrete pipe, 18-inch diameter
Invert elevation	392.2 ft above msl
Control	Valve
Discharge	To service spillway

STATE AUTHORIZATION

Permit No. 1985 (Application No. 2181), March 27, 1961, authorizes a dam to store 6,600 acre-feet of water for recreational purposes and flood regulation.
Permit No. 1985A (Application No. 2181A), February 23, 1966, increases storage capacity to 8,100 acre-feet by raising the crest of the service spillway 2 feet.

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	436.5	—	—
Emergency spillway	427.0	16,270	1,268
Service spillway	419.0	8,100	806
Low flow outlet	392.2	0	—
Usable storage	—	8,100	—

GENERAL

Construction started	June 15, 1961
Deliberate impoundment began	July 1, 1962
Construction completed	September 17, 1962
Spillway height completed	May 10, 1966

